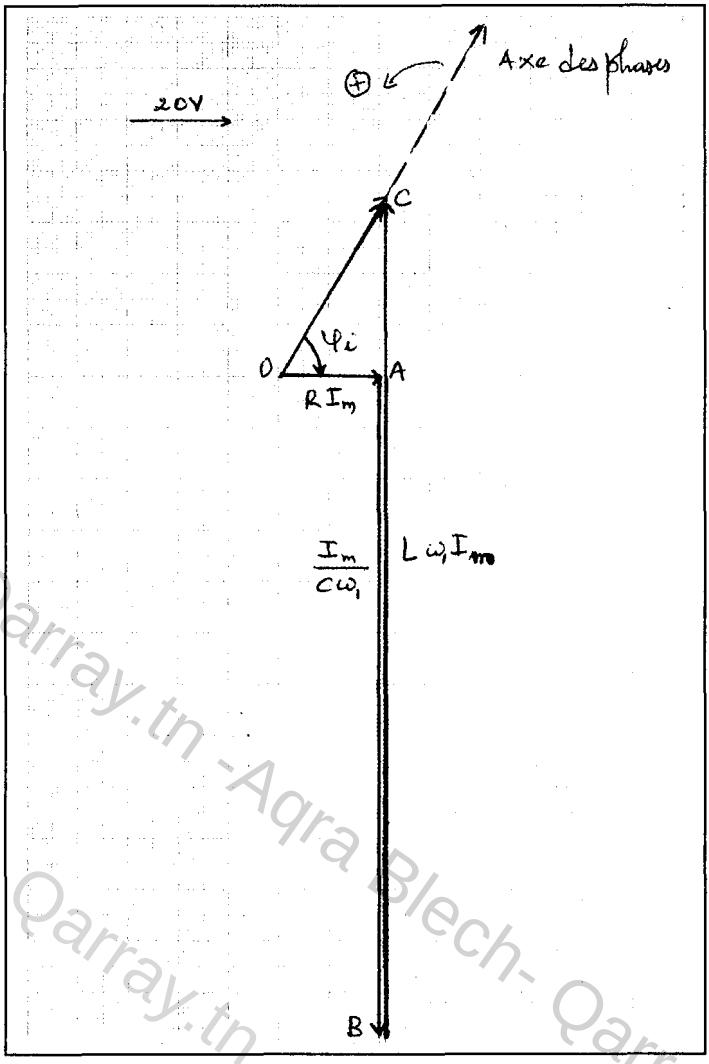

b- $BC \simeq 16,2cm \Rightarrow LI_m\omega_1 \simeq 162V$

$\Rightarrow \boxed{U_{B\max} = 162V}$

$\Rightarrow L = \dfrac{U_{B\max}}{I_m\omega_1} = \dfrac{162}{0,8\times 100\pi} \simeq 0,645H$

ON correspond a

Or $(R+r)I_m = RI_m \Rightarrow r = 0\Omega$

c- Soit u' la tension aux bornes de l'ensemble bobine condensateur.

Qarray.tn -Aqra Blech- Qarray.tn